Amendments to the Claims:
Re-write the claims as set forth below. This listing of claims will replace all prior versions and listings, of claims in the application:

Listing of Claims:

1.   (currently amended) A wireless display circuit comprising:

a graphics processing circuit operatively ~~coupleable~~ coupled to a frame buffer and operative to render graphics data based on rendering commands and to store rendered graphics data in the frame buffer;

a video decoder operatively responsive to a compressed video stream and operative to produce decoded video from the compressed video stream for display on a local display;

a short range wireless transmitter operatively coupled to the graphic processing circuit;

a data encoder operatively coupled to the frame buffer and to the short range wireless transmitter, operative to encode the rendered graphics data stored in the frame buffer and to recompress the decoded video; [[and]]

a blending circuit operative to blend rendered graphics data and the decoded video, prior to the data encoder recompressing the decoded video to produce image frames containing recompressed video with encoded graphics data; and

a switch operative to cause output image frames to pass from the blending circuit to the frame buffer during a wireless display select mode;

wherein the short range wireless transmitter transmits the encoded rendered graphics data and the recompressed decoded video.

2.   (canceled)

3.   (original)   The circuit of claim 1 wherein the data encoder includes a suitably programmed processor operatively coupled to the frame buffer via a local bus.

4.   (original)   The circuit of claim 3 wherein the suitably programmed processor carries out MPEG encoding on the rendered graphics data and on the decoded video to produce compressed image frames containing recompressed video with encoded graphics data that are wirelessly transmitted by the short range wireless transmitter.

5.   (original)   The circuit of claim 1 wherein the data encoder includes a hardware based data encoder resident on at least one of a same printed circuit board and same integrated circuit die as the graphics processing circuit.

6.   (currently amended) A wireless display system comprising:

a first unit having at least:

    a first local display;

    a first frame buffer;

    a graphics processing circuit operatively coupleable to a frame buffer and operative to render graphics data based on rendering commands and to store rendered graphics data in the frame buffer;

    a first video decoder operatively responsive to a compressed video stream and operative to produce decoded video from the compressed video stream for display on a first local display;

    a short range wireless transmitter operatively coupled to the graphic processing circuit;

a data encoder operatively coupled to the frame buffer and to the wireless transmitter, operative to encode the rendered graphics data stored in the frame buffer and to recompress the decoded video; [[and]]

a blending circuit operative to blend rendered graphics data and the decoded video, prior to the data encoder recompressing the decoded video to produce image frames containing recompressed video with encoded graphics data; and

a switch operative to cause output image frames to pass from the blending circuit to the frame buffer during a wireless display select mode;

wherein the short range wireless transmitter transmits the encoded rendered graphics data and the recompressed decoded video;

a second unit having at least:

a second local display;

a second frame buffer;

a short range wireless receiver responsive to the encoded rendered graphics data and recompressed decoded video; and

a video decoder operatively coupled to the short range wireless receiver and to the second frame buffer and operative to produce decoded video from the received encoded rendered graphics data and recompressed decoded video for storage in the second frame buffer for display on the second local display.

7.   (original) The system of claim 6 wherein the video decoder includes a suitably programmed processor operatively coupled to the second frame buffer via a local bus.

8.   (original) The system of claim 7 wherein the suitably programmed processor carries out MPEG decoding on the received encoded rendered graphics data and recompressed decoded video to produce decompressed image frames.

9.   (original) The system of claim 6 where in the video decoder includes a hardware based video decoder resident on at least one of a same printed circuit board and same integrated circuit die as the frame buffer.

10.   (currently amended) A method for providing image data for a wireless display comprising ~~the steps of~~:

processing rendering commands to produce rendered graphics image data and storing the rendered graphics image to a frame buffer;

retrieving the rendered graphics image data from the frame buffer via a local bus;

encoding the retrieved rendered graphics image data to produce encoded graphics image data; and

sending the encoded graphics image data to a short range wireless receiver using a short range wireless transmitter.

11.   (currently amended) The method of claim 10 ~~including the steps of~~ comprising:

decompressing a compressed video stream to produce a decompressed video stream;

recompressing the decompressed video stream to produce a recompressed video stream; and

wherein ~~the step of~~ sending the encoded graphics image includes sending the recompressed video stream using the short range wireless transmitter.

12.   (currently amended) The method of claim 11 ~~including the steps of~~ comprising:

combining the rendered graphics image data [overlayed] with the decompressed video stream to produce frames of image data

storing the frames of image data in the frame buffer prior to ~~the step of~~ recompressing; and

retrieving the frames of image data for ~~the step of~~ recompression.

13.   (currently amended) The method of claim 10 ~~including the step of~~ comprising locally displaying the rendered graphics image data on a local display.

14.   (currently amended) The method of claim 10 ~~including the steps of~~ comprising:

receiving, via a short range wireless receiver, a compressed video stream containing graphics data and recompressed video;

decompressing the received compressed video stream and producing decompressed image frames; and

displaying the decompressed image frames on a local display.

15.   (currently amended) A method for providing image data for a wireless monitor comprising:

processing rendering ~~command~~ commands using a first processor to produce rendered graphics image data and storing the rendered graphics image data to a frame buffer;

retrieving the rendered graphics image data from the frame buffer over a local bus using a second processor;

encoding, by the second processor, the retrieved rendered graphics image data to produce encoded graphics image data; and

sending the encoded graphics image data to a wireless monitor using a short range wireless transmitter.

16.   (currently amended) The method of claim 15 ~~including the steps of~~ comprising:

decompressing a compressed video stream to produce a decompressed video stream;

recompressing the decompressed video stream to produce a recompressed video stream; and

wherein ~~the step of~~ sending the encoded graphics image includes sending the recompressed video stream using the short range wireless transmitter.

17.   (currently amended) The method of claim 16 ~~including the steps of~~ comprising:

combining the rendered graphics image data [overlayed] with the decompressed video stream to produce frames of image data

storing the frames of image data in the frame buffer prior to ~~the step of~~ recompressing; and

retrieving the frames of image data for ~~the step of~~ recompression.

18.   (currently amended)   The method of claim 15 ~~including the step of~~ comprising locally displaying the rendered graphics image data on a first local display.

19.   (currently amended) The method of claim 15 ~~including the steps of~~ comprising:

receiving, via a short range wireless receiver, a compressed video stream containing graphics data and recompressed video;

decompressing the received compressed video stream and producing decompressed image frames; and

displaying the decompressed image frames on a second local display.

20.   (currently amended) The method of claim 15 ~~including the step of~~ <u>comprising</u> wirelessly sending drawing commands to a short range wireless receiver.

21.   (canceled)

22.   (canceled)

23.   (canceled)

24.   (new) A method for providing image data for a wireless monitor comprising:

decompressing, by a first apparatus, a decompressed video stream to produce a decompressed video stream;

recompressing the decompressed video stream to produce a recompressed video stream;

sending the recompressed video stream wirelessly; and

sending rendering commands wirelessly to be processed remotely.

25.   (new) The method of claim 24 comprising processing, by a second apparatus, wirelessly received graphics rendering commands to produce rendered graphics data;

decompressing the recompressed video stream and combining the rendered graphics image data with the decompressed video stream to produce frames of image data.